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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No.: 6,777,659 B1
Issued: August 17, 2004

Serial No.: 09/700,439
Filed: November 13, 2000

Title: Device and Method for Detecting
The Phase and Amplitude of
Electromagnetic Waves

Inventor: Rudolph Schwarte

Examiner: Edward J. Glick

Our File No.: 752-00

CERTIFICATE OF MAILING
DATE OF DEPOSIT: September 7, 2004

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Branch, Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450, on the date
shown above.*

Name of person mailing paper or fee:
John A. Simkanich

SIGNATURE

Attention: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
SEP 14 2004
of Correction

COVER LETTER WITH CERTIFICATE OF MAILING

Dear Sir:

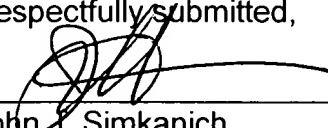
Enclosed and attached hereto are the following documents:

- (1) Cover Letter with Certificate of Mailing (1 pg.);
- (2) Request for a Certificate of Correction (1 pg.);
- (3) PTO Form 1050 (2 pgs.); and
- (4) Paul & Paul postcard to be returned by PTO.

The Commissioner is hereby authorized to charge any additional fees associated with this communication, or credit any overpayment, to Paul & Paul Deposit Account No. 16-0750.

Respectfully submitted,

Date: September 7, 2004


John A. Simkanich
Reg. No. 26,036
Paul & Paul
2900 Two Thousand Market Street
Philadelphia, PA 19103
(215) 568-4900

Order No. 2567

16 SEP 2004



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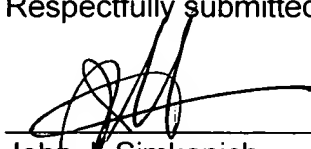
REQUEST FOR CERTIFICATE OF CORRECTION
OF PATENT FOR PTO MISTAKE 37 C.F.R. 1.322

Dear Sir:

The attached Certificate of Correction is hereby requested to be issued by the Commissioner to correct mistakes made by the Patent and Trademark Office that appear in the above-cited patent. Accordingly, no fees are due with respect to this request

The errors noted are more fully described on Form PTO-1050 which is attached in duplicate.

Respectfully submitted,



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Paul & Paul
2900 Two Thousand Market Street
Philadelphia, PA 19103
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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,777,659 B1

DATED : August 17, 2004

INVENTOR(S) : Rudolph Schwarte

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 20, delete the word "so";

Column 7, line 17, delete the hyphen in "separating-surfaces";

Column 10, line 7, delete the hyphen in "only-horizontally";

Claim 1, line 10, in the phrase "the potential", replace "the" with --a--;

Claim 1, line 17, insert -- photomixing detector pixel -- before "PMD-pixel";

Claim 1, line 17, place parentheses around "PMD-pixel";

Claim 1, line 18, insert --and-- after "reading-out diodes,";

Claim 1, line 18, in the phrase "a (PMD-) pixel are divided" replace "a" with --the--;

Claim 1, line 18, remove the parentheses in the word "(PMD)";

Claim 1, line 21, delete "are provided";

Claim 1, line 21, in the phrase "the difference", replace "the" with --a--;

Claim 1, line 21/22, in the phrase "the signals", delete "the";

Claim 1, line 22, in the phrase, "the readout lines", delete "the";

Claim 3, line 3, insert --of the electromagnetic waves -- after "wavelength";

Claim 3, line 3, replace the phrase "and characterized in that" with --,however--;

Claim 3, line 5, in the phrase "an order", replace "an" with --the--;

Claim 3, line 5, insert --or-- after "magnitude";

Claim 4, line 9, see claim 23 in Amendment dated March 23, 2004;

Claim 4, line 16, insert --is-- before "respectively"

MAILING ADDRESS OF SENDER: John J. Simkanich
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2900 Two Thousand Market Street
Philadelphia, PA 19103

PATENT NO. 6,777,659 B1

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT NO : 6,777,659 B1

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Claim 8, line 6, insert --of the pair-- after "modulation photogates (1,2)";

Claim 12, line 7, replace "connection" with --reading-out--;

Claim 18, line 11, in the phrase "modulation photogate potentials," replace "," with ---;

Claim 18, lines 11-16, delete the entire phrase starting at "wherein the accumulation...";

Claim 23, line 3, delete "conventional".

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16 SEP 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

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